

## EAST Search History

| Ref # | Hits | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 22   | ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)) same (cu or copper)) and electrode\$1 and gas near3 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/03/04 12:52 |
| L2    | 21   | ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)) same electrode\$1 and (cu or copper)) and gas near3 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/03/04 12:52 |
| L3    | 21   | ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)) same electrode\$1) and (cu or copper) and gas near3 laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/03/04 13:12 |
| L4    | 18   | 3 not 1   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/03/04 13:12 |
| L5    | 1433 | 372/55.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/03/04 13:13 |
| L6    | 3    | 5 and ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)) same electrode\$1)                                  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/03/04 13:14 |
| L7    | 727  | 372/57.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/03/04 13:14 |
| L8    | 0    | 7 and ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)) same electrode\$1)                                  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/03/04 13:14 |
| L9    | 187  | 372/60.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR               | OFF     | 2006/03/04 13:15 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| L10 | 0    | 9 and ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)) same electrode\$1)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:15 |
| L11 | 1137 | 372/61.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:16 |
| L12 | 0    | 11 and ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)) same electrode\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:15 |
| L13 | 2462 | ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)) same electrode\$1)        | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:16 |
| L14 | 269  | 372/86.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:17 |
| L15 | 0    | 14 and ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)) same electrode\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:17 |
| L16 | 0    | 14 and ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)))                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:17 |
| L17 | 753  | 372/87.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:45 |
| L18 | 11   | 17 and ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4)))                   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:20 |
| L19 | 226  | 372/88.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/03/04 13:20 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| L20 | 1   | 19 and ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/03/04 13:20 |
| L21 | 162 | 372/90.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/03/04 13:20 |
| L22 | 1   | 21 and ((bi-metal\$4 or (bi near3 metal\$4) or (multi-metal\$4) or (multi near3 metal\$4))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/03/04 13:20 |
| L23 | 7   | (copper and alloy and gas and discharge and laser and electrode). clm.                      | US-PGPUB  | OR | OFF | 2006/03/04 13:48 |
| L24 | 6   | (copper and alloy and gas and discharge and laser and electrode) and 372/87.ccls.           | US-PGPUB  | OR | OFF | 2006/03/04 13:49 |